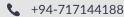
# SENETHMI WICKRAMANAYAKE

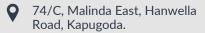




# CONTACT



senwickramanayake25@gmail.com



http://www.linkedin.com/in/senethmi-wickramanayake-800b3029b

### **TECHNICAL SKILLS**

- AutoCAD
- SOLIDWORKS
- MATLAB/Simulink
- Proteus
- Multisim
- Arduino IDE
- C, C++, JAVA (languages)

## **SOFT SKILLS**

- Leadership
- Teamwork
- Problem Solving

#### LANGUAGES

- English (Fluent)
- Sinhala (Fluent)

# REFERENCE

#### Prof.Migara Liyanage

Head

Department of Mechanical Engineering Faculty of Engineering

SLIIT | Malabe Campus

Phone: +94 11 754 4319, +94 77 820 7378

Email: migara.l@sliit.lk

#### M.H.Samantha Indika

BSc Eng Hons, M eng, CEng, MIE(SL) Assistant General Manger-MEP Sanken Construction(Pvt) Ltd.

Phone: 0712 390 067 Email: mhs.indika@sanken.lk PROFILE

Motivated Engineering Undergraduate pursuing dual degrees in Mechanical Engineering (Mechatronics) and Computer Science, with a good foundation in mechatronics systems and CAD design. Passionate about automation, industrial applications, and real-world problem-solving. Eager to contribute to innovative projects through a trainee position, while learning and growing in a professional environment. Highly enthusiastic about working in dynamic, team-oriented settings and collaborating with others to bring engineering solutions to life.



# **EDUCATION**

**BSc.** Engineering (Hons.) in Mechanical Engineering 2023 - 2027 (Mechatronics Specialization)

SLIIT | Undergraduate

**BCom. in Computer Science** 

2024 - 2028

University of Sri Jayawardenapura | Undergraduate

**Software Engineering Certificate Course- NIBM Colombo** 

Completed a 3-Month Course with Distinction covering OOP, UI/Database Design, Software Maintenance and Project Management Principles.

Visakha Vidyalaya-Colombo 05

### GCE Advanced Level - 2022

Chemistry
Physics
Combined Mathematics
C

General English - A

GCE Ordinary Level - 2018

• 9 A's including Information Technology & English Literature .

# PROJECTS

Micro mouse Maze Solver (ESP32 MCU)

Built a micro mouse robot using an ESP32 microcontroller, focusing on autonomous navigation, sensor integration, and maze-solving logic.

Wall-Following and Ball Dispensing Robot

Designed and implemented a robot capable of maintaining optimal distance from a wall using PID algorithms and embedded programming.

Automated Multi Layered Sand Sieving Machine

As the first year first semester Engineering Design Project.

# **EXTRA-CURRICULARS**

Vice Chairperson of the Robotics and Automation Society IEEE student branch of SLIIT.

University Colors Awards in Hockey for the years 2023 and 2024.

Recognized as Best Goalkeeper (Women's Category) in Hockey at CIHA and NSBM USPORTS tournaments.

Senior Prefect of Visakha Vidyalaya Prefect's guild.

District, Zonal level achievements in Football and Actively involved in various sports, societies and performing arts, with multiple achievements and consistent member of the Student Parliament of Visakha Vidyalaya.